

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator	BREITBURN OPER.	State Permit Number	43665
Address		EPA Permit Number	MI-137-2D-0107
		Date of Test	5/14/2013
Well Name & Number	STATE CHARLTON 3-6 SWD	Well Type	2D

Quarter	Quarter	Quarter	Section	Township	Range	Township Name	County	State
NE	SE	NW	6	30N	1W		OTSEGO	MI
GPS file number			Latitude			Longitude		Elevation
			45.02399			84.47376		

Company Representative	Bob Woodhouse	Field Inspector	SAM H. WILLIAMS
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GAUGE CERTIFICATION

Type Pressure Gauge NIKA } 4 inch face 600 psi full scale 5 psi increments
 New Gauge? Yes ☒ No ☐ If no, date of calibration _____ Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Time	0	15	30				
Annulus	340	340	340				
Tubing	1AL						

WELL STATUS

5 Year ☒ TD# 13-148
 2 Year TA ☐ TD# _____
 Rework after failure ☐ TD# _____
 New Permit ☐ TD# _____
 Enforcement Action ☐ TD# _____
 Annual Class 1 ☐ TD# _____

WELL CONFIGURATION

Casing Size 5 1/2
 Tubing Size 2 3/8
 Packer Type AD-1 TENSION
 Packer set @ 2054'
 Fluid Return (gal) 3 1/2

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.2 psi 340
 Test Pressure change 2 psi 20

Test Passed ☒ Test Failed ☐ : If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

COMMENT:	RECEIVED

JUN 05 2013

Signature of Company Representative	UIC BRANCH EPA, REGION 5	Date
<u>Bob A. Woodhouse</u>		<u>5/14/2013</u>
Signature of UIC Field Inspector		Date
<u>Sam H. Williams</u>		<u>MAY 14, 2013</u>